Title: ASIALO-INTERFERONS AND THE TREATMENT OF LIVER CANCER Applicant(s): Nicholas P. Barker and Daniel K. Podolsky Client/Matter No.: 50206/014002 Filing Date: September 3, 2003 Page 1 of 4 Customer No.: 21559



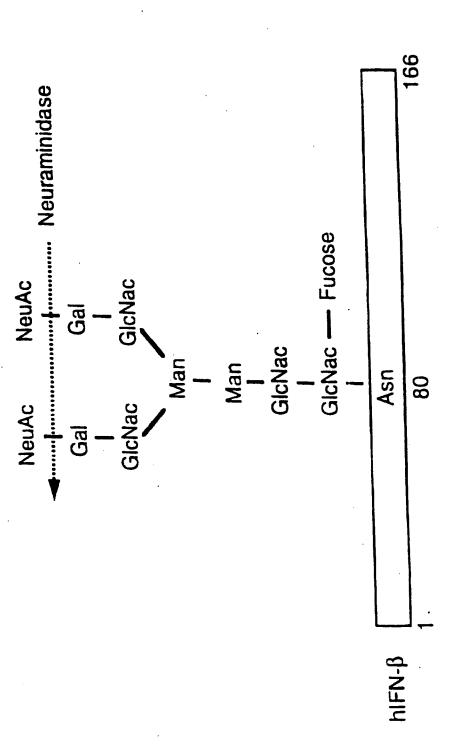


Figure '

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Figure 2A

- 1 MALTFALLVA LLVLSCKSSC SVGCDLPOTH SLGSRRTLML LAQMRKISLF SCLKDRHDFG
- 61 FPQEEFGNQF QKAETIPVLH EMIQQIFNLF STKDSSAAWD ETLLDKFYTE LYQQLNDLEA
- 121 CVIQGVGVTE TPLMKEDSIL AVRKYFQRIT LYLKEKKYSP CAWEVVRAEI MRSFSLSTNL
- 181 QESLRSKE

Figure 2B

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1 gagaacctgg agcctaaggt ttaggctcac ccatttcaac cagtctagca gcatctgcaa
 61 catctacaat ggccttgacc tttgctttac tggtggccct cctggtgctc agctgcaagt
 121 caagetgete tqtqqqetqt qatetqeete aaacccacaq cetqqqtaqe aggaqqacet
 181 tgatgctcct ggcacagatg aggagaatct ctcttttctc ctgcttgaag gacagacatg
 241 actttggatt tccccaggag gagtttggca accagttcca aaaggctgaa accatccctg
 301 tectecatga gatgatecag cagatettea atetetteag cacaaaggae teatetgetg
 361 cttgggatga gaccctccta gacaaattct acactgaact ctaccagcag ctgaatgacc
 421 tggaagcctg tgtgatacag ggggtggggg tgacagagac tcccctgatg aaggaggact
 481 ccattctggc tgtgaggaaa tacttccaaa gaatcactct ctatctgaaa gagaagaaat
 541 acagecettg tgeetgggag gttgteagag cagaaateat gagatetttt tetttgteaa
 601 caaacttgca agaaagttta agaagtaagg aatgaaaact ggttcaacat ggaaatgatt
 661 ttcattgatt cgtatgccag ctcacctttt tatgatctgc catttcaaag actcatgttt
 721 ctgctatgac catgacacga tttaaatctt ttcaaatgtt tttaggagta ttaatcaaca
 781 ttgtattcag ctcttaaggc actagtccct tacagaggac catgctgact gatccattat
 841 ctatttaaat atttttaaaa tattatttat ttaactattt ataaaacaac ttattttgt
 901 tcatattatg tcatgtgcac ctttgcacag tggttaatgt aataaaatgt gttctttgta
 961 tttggtaaat ttattttgtg ttgttcattg aacttttgct atggaacttt tgtacttgtt
1021 tattetttaa aatgaaatte caageetaat tgtgeaacet gattacagaa taaetggtae
1081 acttcatttg tccatcaata ttatattcaa gatataagta aaaataaact ttctgtaaac
1141 ca
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Figure 3A

- 1 MTNKCLLQIA LLLCFSTTAL SMSYNLLGFL QRSSNFQCQK LLWQLNGRLE YCLKDRMNFD
- 61 IPEEIKQLQQ FQKEDAALTI YEMLQNIFAI FRQDSSSTGW NETIVENLLA NVYHQINHLK
- 121 TVLEEKLEKE DFTRGKLMSS LHLKRYYGRI LHYLKAKEYS HCAWTIVRVE ILRNFYFINR
- 181 LTGYLRN

Figure 3B

1	<u>atg</u> accaaca	agtgtctcct	ccaaattgct	ctcctgttgt	gcttctccac	tacagctctt
61	tccatgagct	acaacttgct	tggattccta	caaagaagca	gcaattttca	gtgtcagaag
121	ctcctgtggc	aattgaatgg	gaggcttgaa	tattgcctca	aggacaggat	gaactttgac
181	atccctgagg	agattaagca	gctgcagcag	ttccagaagg	aggacgccgc	attgaccatc
241	tatgagatgc	tccagaacat	ctttgctatt	ttcagacaag	attcatctag	cactggctgg
301	aatgagacta	ttgttgagaa	cctcctggct	aatgtctatc	atcagataaa	ccatctgaag
361	acagtcctgg	aagaaaaact	ggagaaagaa	gattttacca	ggggaaaact	catgagcagt
421	ctgcacctga	aaagatatta	tgggaggatt	ctgcattacc	tgaaggccaa	ggagtacagt
481	cactgtgcct	ggaccatagt	cagagtggaa	atcctaagga	acttttactt	cattaacaga
541	cttacaggtt	acctccgaaa	c <u>tga</u> agatct	cctagcctgt	ccctctggga	ctggacaatt
601	gcttcaagca	ttcttcaacc	agcagatgct	gtttaagtga	ctgatggcta	atgtactgca
661	aatgaaagga	cactagaaga	ttttgaaatt	tttattaaat	tatgagttat	ttttatttat
721	ttaaatttta	ttttggaaaa	taaattattt	ttggtgc		

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Figure 4A

1 MKYTSYILAF QLCIVLGSLG CYCQDPYVKE AENLKKYFNA GHSDVADNGT LFLGILKNWK 61 EESDRKIMQS QIVSFYFKLF KNFKDDQSIQ KSVETIKEDM NVKFFNSNKK KRDDFEKLTN 121 YSVTDLNVQR KAIHELIQVM AELSPAAKTG KRKRSQMLFR GRRASQ

Figure 4B

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1 tgaagatcag ctattagaag agaaagatca gttaagtcct ttggacctga tcagcttgat
  61 acaagaacta ctgatttcaa cttctttggc ttaattctct cggaaacgat gaaatataca
 121 agttatatct tggcttttca gctctgcatc gttttgggtt ctcttggctg ttactgccag
 181 gacccatatg taaaagaagc agaaaacctt aagaaatatt ttaatgcagg tcattcagat
 241 gtagcggata atggaactct tttcttaggc attttgaaga attggaaaga ggagagtgac
 301 agaaaaataa tgcagagcca aattgtctcc ttttacttca aactttttaa aaactttaaa
 361 gatgaccaga gcatccaaaa gagtgtggag accatcaagg aagacatgaa tgtcaagttt
 421 ttcaatagca acaaaaagaa acgagatgac ttcgaaaagc tgactaatta ttcggtaact
 481 gacttgaatg tccaacgcaa agcaatacat gaactcatcc aagtgatggc tgaactgtcg
 541 ccaqcaqcta aaacaqqqaa qcqaaaaaqq aqtcaqatqc tqtttcaaqq tcqaaqaqca
 601 toccagtaat ggttgtcctg cctgcaatat ttgaatttta aatctaaatc tatttattaa
 661 tatttaacat tatttatatg gggaatatat ttttaqactc atcaatcaaa taaqtattta
 721 taatagcaac ttttgtgtaa tgaaaatgaa tatctattaa tatatgtatt atttataatt
 781 cetatatect gtgactgtet caettaatee tttgttttet gaetaattag geaaggetat
 841 gtgattacaa ggctttatct caggggccaa ctaggcagcc aacctaagca agatcccatg
 901 ggttgtgtgt ttatttcact tgatgataca atgaacactt ataaqtqaaq tqatactatc
 961 cagttactgc cggtttgaaa atatgcctgc aatctgagcc agtgctttaa tgqcatgtca
1021 gacagaactt gaatgtgtca ggtgaccctg atgaaaacat agcatctcaq qaqatttcat
1081 gcctggtgct tccaaatatt gttgacaact gtgactgtac ccaaatggaa agtaactcat
1141 ttgttaaaat tatcaatatc taatatatat gaataaagtg taagttcaca act
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